

STEREO MOC Status Report
Time Period: 2010:074 - 2010:080

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 075, during the DSS 55 support, ranging was delayed due to a ranging equipment problem at 0652z. The uplink ranging assembly was reset to clear the anomaly at 0758z. This resulted in the loss of 66 minutes of ranging data. All SSR data was received. See DR# M105687 for more information.
- On days 075 & 076, the MOC level zero data products for AHEAD only did not contain any data due to a processing error during the deployment of a MOC ground software patch. The missing process was restarted and the level zero data products on AHEAD for days 075 and 076 were regenerated. This resulted in a one day delay in delivering MOC level zero data products.
- On day 077, during the DSS 45 support, real-time telemetry and monitor data were lost due to a network server problem at 1843z. The network server anomaly was corrected at 1850z. This resulted in the loss of 7 minutes of real-time telemetry and monitor data. All SSR data was received. See DR# N106016 for more information.
- On day 078, during the DSS 25 support, real-time telemetry and monitor data were lost again due to a network server problem at 1445z. The network server anomaly was cleared at 1451z. This resulted in the loss of 6 minutes of real-time telemetry and monitor data. All SSR data was received. See DR# N106021 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 5.8 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 076, there was no DSN track available for STEREO BEHIND due to two DSS being unavailable. Also, the track on day 075 was 1.2 hours shorter than nominal. This resulted in the loss of several hours SSR data for all in-situ instruments.
- On day 077, during the DSS 25 support, real-time telemetry and monitor data were lost due to a network server problem at 1843z. The network server anomaly was corrected at 1850z. This resulted in the loss of 7 minutes of real-time telemetry and monitor data. All SSR data was received. See DR# N106013 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 077, the 22nd momentum dump was successfully executed at 2130Z, which imparted a delta V of 0.0628 m/sec.
- The average daily SSR playback volume for Behind was 4.8 Gbits during this week.